

Appl. No. 09/975,682
Amdt. dated November 16, 2006
Reply to Office Action of August 23, 2006

Amendments to the Specification:

Please replace the paragraph beginning at page 20, line 27 with the following amended paragraph:

FIG. 10 depicts a high level block diagram of an embodiment of a controller suitable for use within a transmitter. Specifically, FIG. 10 depicts a high level block diagram of a transmitter 104 suitable for use in the communication system 100 of FIG. 1. The ~~voice~~-transmitter controller 104C comprises a microprocessor 1020 as well as memory 1030 for storing programs 1050 such as pre-coding method 500 which was described more fully above in a discussion of FIG. 5. The microprocessor 1020 cooperates with conventional support circuitry 1040 such as power supplies, clock circuits, cache memory and the like as well as circuits that assist in executing the software methods of the present invention.

Please replace the paragraph beginning at page 21, line 6 with the following amended paragraph:

The transmitter controller 104C also comprises input/output circuitry 1010 that forms an interface between the microprocessor 1020, the DSL network ~~402~~110, second transmission medium 114, and other transmitter circuitry (not shown).